

Health Profiles for Stockport

Spine chart analysis

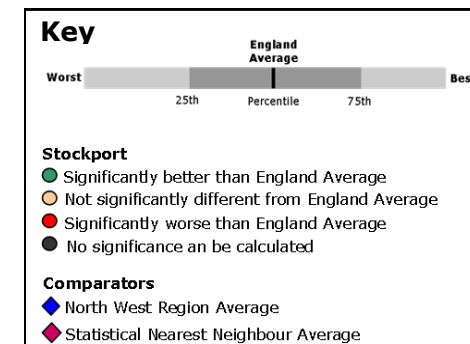
As part of the development of the JSNA, local data has been analysed against national, regional and peer authority trends and presented in spine charts. This enables areas where Stockport is an outlier to be clearly identified.

These spine charts have been developed based on the national health profiles produced by the Association of Public Health Observatories (APHO). Initially the APHO profile has been reproduced using local data and our statistical peers to give an overview. Further spine charts have been developed for each of the life stages; children, adults and older people.

It is the intention to create further spine charts which analyse the internal differences within Stockport to highlight areas where inequalities are significant. The findings from these analyses will be used to inform the further development of the priorities.

Health Profile - All Ages

	Indicator	Local Number	Local Value	Eng Avg	Eng Worst	England Range	Eng Best
1	Communities	Deprivation	33642	12.0	19.9	89.2	0.0
2		Children in Poverty	8509	15.6	22.4	66.5	6.0
3		Statutory Homelessness	128	1.1	2.5	9.8	0.0
4		GCSE Achievement (5A*-C inc. Eng & Maths)	1681	55.2	50.9	32.1	76.1
5		Violent Crime	3094	11.0	16.4	36.6	4.8
6		Carbon Emissions	1628	5.8	6.8	14.4	4.1
7	Children	Smoking in Pregnancy	555	16.9	14.6	33.5	3.8
8		Breast Feeding Initiation	2391	73.0	72.5	39.7	92.7
9		Physically Active Children	16099	48.4	49.6	24.6	79.1
10		Obese Children	168	6.1	9.6	14.7	4.7
11		Tooth Decay in Children Aged 5	n/a	1.2	1.1	2.5	0.2
12	Teenage Pregnancy (Under 18)	218	38.5	40.9	74.8	14.9	
13	Adults	Adults Who Smoke	n/a	18.7	22.2	35.2	10.2
14		Binge Drinking Adults	n/a	24.3	20.1	33.2	4.6
15		Healthy Eating Adults	n/a	28.8	28.7	18.3	48.1
16		Physically Active Adults	n/a	8.4	11.2	5.4	16.6
17		Obese Adults	n/a	21.9	26.1	32.8	13.2
18	Disease	Incidence of Malignant Melanoma	48	16.8	12.6	27.3	3.7
19		Incapacity Benefits for Mental Illness	5172	30.3	27.6	58.5	9.0
20		Hospital Stays for Alcohol Related Harm	5779	1760.0	1580.0	2860.0	784.0
21		People Diagnosed with Diabetes	11768	4.2	4.3	6.7	2.7
22		New Cases of TB	21	7.0	15.0	110.0	0.0
23	Life Expectancy	Hip Fracture in Over 65s	313	489.9	479.2	643.5	273.6
24		Excess Winter Deaths	151	17.8	15.6	26.3	2.3
25		Life Expectancy - male	n/a	77.9	77.9	76.3	84.3
26		Life Expectancy - female	n/a	82.5	82.0	78.8	88.9
27		Infant Deaths	13	3.9	4.8	8.7	1.1
28		Deaths from Smoking	460	204.7	206.8	360.3	118.7
29		Early Deaths: heart disease & stroke	248	76.9	74.8	125.0	40.1
30		Early Deaths: cancer	369	116.3	114.0	164.3	70.5
31	Road Injuries & Deaths	79	28.0	51.3	167.0	14.6	



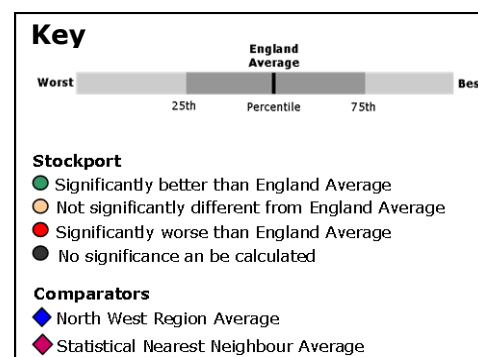
Key to Health Profile - All Ages

1. % of population in this area living in 20% most deprived areas of England, 2007
2. % of children living in families receiving means-tested benefits, 2007
3. Crude rate of homelessness per 1,000 households, 2008/09
4. % achieving 5A*-C including English & Maths at Key Stage 4, 2008/09
5. Recorded violence against the person crimes crude rate per 1,000 population, 2008/09
6. Total end user CO2 emissions per capita (tonnes CO2 per resident), 2007
7. % of mothers smoking in pregnancy where status is known, 2008/09
8. % of mothers initiating breast feeding where status is known, 2008/09
9. % of year 1-13 pupils who spend at least 3 hours per week on high quality PE and school sport, 2008/09
10. % of school children obese in reception year, 2008/09
11. Weighted mean number of teeth per 5 yr old child sampled that were actively decayed, missing or filled, 2007/08
12. Under-18 conception rate per 1,000 females aged 15-17 (crude rate), 2006-2008 (provisional)
13. % adults, modelled estimate using Health Survey for England, 2006-2008
14. % adults, modelled estimate using Health Survey for England, 2007-2008
15. % adults, modelled estimate using Health Survey for England, 2006-2008
16. % aged 16+, 2008/09
17. % adults, modelled estimate using Health Survey for England, 2006-2008
18. Directly age standardised rate of malignant melanoma per 100,000 population under 75 2004-2006
19. Crude rate of incapacity benefit claimants for mental illness per 1,000 working age population, 2008
20. Directly age and sex standardised rate of hospital stays for alcohol-related harm per 100,000 population, 2008/09 (rounded)
21. % of people on GP registers with a recorded diagnosis of diabetes, 2008/09
22. Crude rate of new TB cases per 100,000 population, 2006-2008
23. Directly age-standardised rate per 100,000 population over 65 for emergency admission for hip fracture, 2008/09
24. Ratio of excess winter deaths (observed winter deaths minus expected deaths based on non-winter deaths) to average non-winter deaths, 1.08.05- 31.07.08
25. Years life expectancy at birth (males), 2006-2008
26. Years life expectancy at birth (females), 2006-2008
27. Rate of infant death per 1,000 live births, 2006-2008
28. Deaths from smoking per 100,000 population age 35+, directly age standardised rate, 2006-2008
29. Early deaths from heart disease and stroke, directly age standardised rate per 100,000 population under 75, 2006-2008
30. Early deaths from cancer, directly age standardised rate per 100,000 population under 75, 2006-2008
31. Road injuries and deaths, rate per 100,000 population 2006-2008

All data and definitions sourced from the Association of Public Health Observatories - APHO (www.apho.org.uk)

Health Profile – Children

	Indicator	Local Value	Eng Avg	Eng Worst / Lowest	England Range	Eng Best / Highest	
1	Pop	Population Size	20.3	20.2	9.3		26.2
		Black & Minority Ethnic Population	8.5	15.8	1.2		77.9
		Children in Poverty	15.6	22.4	66.5		6.0
2	Social	Early Years Foudation Stage Achievement	57.0	52.0	19.0		67.0
		Key Stage 2 Achievement (08-09)	77.0	72.0	64.0		86.0
		Key Stage 2 Achievement (09-10)	81.0	74.0	64.0		85.0
		GCSE Achievement (5A*-C inc. Eng & Maths)	55.2	50.9	32.1		76.1
		Children Experiencing Bullying	26.1	28.8	37.9		9.8
		Persistent Absence in Secondary Schools	4.7	4.9	10.1		2.7
		Emotional Health of Children	57.7	56.0	43.8		62.7
3	Lifestyle	Obese Children (Reception)	6.1	9.6	14.7		4.7
		Participation in PE/Sport in School	79.0	81.0	N/A		N/A
		Substance Misuse	8.9	9.8	16.5		2.6
		Teenage Pregnancy (Under 18)	38.5	40.9	74.8		14.9
4	Health	General Health	4.1	4.2	7.0		0.8
		Limiting Long-term Illness	1.0	1.1	2.0		0.0
		Smoking in Pregnancy	16.9	14.6	33.5		3.8
		Infant Deaths	3.9	4.8	8.7		1.1
		Breast Feeding Initiation	73.0	72.5	39.7		92.7
		SEN for Disabled Children	61.0	61.0	N/A		N/A
5	Tooth Decay in Children (Aged 5)	1.2	1.1	2.5		0.2	

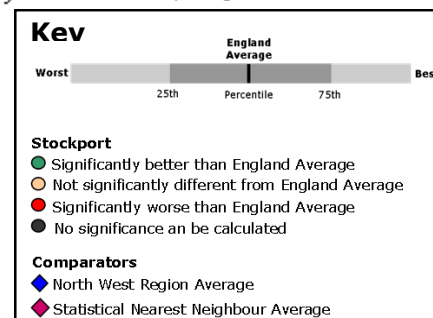


Key to Health Profile – Children

1. % of total population aged 0-15, 2001 Census
2. % of population aged 0-15 who are black or minority ethnic (all categories except White British), 2001 Census
3. % of children living in families receiving means-tested benefits, APHO 2007
4. % of children achieving 78 points across all 13 Early Years Foundation Stage Progress scales with at least 6 points or more in each of the Personal & Social Education and Communication Language and Literacy scales, Children & Young People's Directorate 2008-09
5. % of children achieving level 4 or above in both English and Maths at Key Stage 2, Children & Young People's Directorate 2008-09
6. % of children achieving level 4 or above in both English and Maths at Key Stage 2, Children & Young People's Directorate 2009-10
7. % achieving 5A*-C including English & Maths at Key Stage 4, APHO 2008/09
8. % of children who have experienced bullying (TellUs Survey of pupils), Children & Young People's Directorate 2009-10
9. % of pupils persistently absent in Local Authority maintained secondary schools, Children & Young People's Directorate 2008-09
10. % of children with good relationships. This is defined as the percentage of children who answered 'true' to having one or more good friends AND answered 'true' to **at least two** of the statements about being able to talk to their parents, friends or another adult (TellUs Survey). Children & Young People's Directorate 2009-10
11. % of school children obese in reception year, APHO 2008/09
12. % of 5-16 year olds undertaking at least two hours high quality PE and sport at school during curriculum time (Annual School Sports Survey), Children & Young People's Directorate 2009-10
13. % of respondents to the TellUs survey of pupils reporting either frequent misuse of drugs/volatile substances or alcohol, or both, Children & Young People's Directorate 2009-10
14. Under-18 conception rate per 1,000 females aged 15-17 (crude rate), APHO 2006-2008 (provisional)
15. % of people aged 0-15 reporting that they were in 'not good' health, 2001 Census
16. % of people aged 0-15 reporting that they have a limiting long-term illness, 2001 Census
17. % of mothers smoking in pregnancy where status is known, APHO 2008/09
18. Rate of infant death per 1,000 live births, 2006-2008
19. % of mothers initiating breast feeding where status is known, APHO 2008/09
20. Services for disabled children. An assessment of parents' experiences of services provided to disabled children, collected via a national sample survey. Expressed as a percentage relative to the national baseline where a higher percentage indicates a higher proportion of respondents who indicated an acceptable level of service, Children & Young People's Directorate 2009-10
21. Weighted mean number of teeth per 5 yr old child sampled that were actively decayed, missing or filled, APHO 2007/08

Health Profile – Adults

Indicator	Local Value	Eng Avg	Eng Worst / Lowest	England Range	Eng Best / Highest
1 Pop Population size	53.9	53.0	47.0		67.5
2 Pop Black & Minority Ethnic population	7.2	12.9	1.5		71.1
3 Social Deprivation	12.0	19.9	89.2		0.0
4 Social Overall employment rate (working-age)	74.9	73.0	56.3		83.0
5 Social On out of work benefits (working-age)	12.5	12.7	24.2		4.9
6 Social On out of work benefits in worst performing neighbourhoods (working-age)	37.5	31.6	38.1		23.7
7 Social Non-decent council homes	17.0	22.0	61.0		0.0
8 Social Qualified to at least Level 2 or higher (working age)	75.0	69.4	56.1		85.3
9 Social Flows onto incapacity benefits from employment (working-age)	0.5	0.5	1.3		0.0
10 Lifestyle Adults who smoke	18.7	22.2	35.2		10.2
11 Lifestyle Binge drinking adults	24.3	20.1	33.2		4.6
12 Lifestyle Healthy eating adults	28.8	28.7	18.3		48.1
13 Lifestyle Physically active adults	8.4	11.2	5.4		16.6
14 Lifestyle Obese adults	21.9	26.1	32.8		13.2
15 Lifestyle Perceptions of drunk or rowdy behaviour	27.7	29.0	51.6		16.2
16 Lifestyle Perceptions of drug use or drug dealing	22.2	30.5	60.7		10.3
17 Health General health	10.4	10.8	24.9		4.9
18 Health Limiting long-term illness	17.4	18.4	37.5		9.6
19 Health Hospital stays for alcohol-related harm	1760.0	1580.0	2860.0		784.0
20 Health Adults with learning disabilities in settled accommodation	51.8	61.0	27.1		85.9
21 Health Adults receiving secondary mental health services in settled accommodation	59.2	50.1	4.8		86.3
22 Health All emergency admissions to hospital	10753.5	8493.4	16658.6		3517.0
23 Health Mortality from suicide and undetermined injury	10.7	9.8	21.0		0.0
24 Health Fertility rate	2.0	2.0	0.8		3.3
25 Health Diabetes prevalence	4.2	4.3	6.7		2.7
26 Health Hypertension prevalence	13.9	13.1	16.5		8.0
27 Health Stroke / TIA prevalence	1.9	1.7	2.4		0.8
28 Health Overall health and wellbeing	78.1	75.8	63.6		86.1
29 Health All-age all cause mortality rate	573.0	575.0	787.0		242.0
30 Health Mortality from all circulatory diseases	70.9	71.0	126.9		44.8
31 Health Mortality rate from all cancers	110.2	112.3	168.1		0.0
32 Health Healthy life expectancy at age 65	13.5	13.7	10.9		16.4



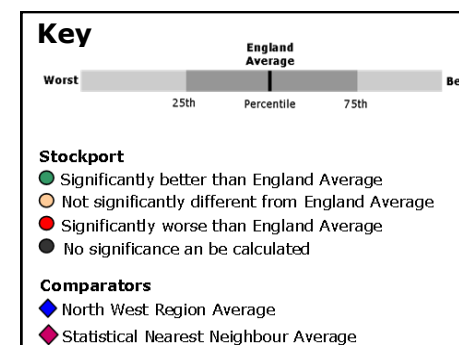
Key to Health Profile – Adults

1. % of total population aged 25-64, 2001 Census
2. % of population aged 25-64 who are black or minority ethnic (all categories except White British), 2001 Census
3. % of people in this area living in 20% most deprived areas of England, APHO 2007
4. % of the working age population (16-59 for females and 16-64 for males) who are in employment according to the International Labour Organisation (ILO) definition, Places Analysis Tool (PAT) 2008
5. % of working age population (16-59 for females and 16-64 for males) on out of work benefits (unemployed people on Jobseekers Allowance, Lone Parents on Income Support, Incapacity Benefits customers, and others on income-related benefits with the exception of carers). Data are presented as a rolling average of 4 quarters to account for seasonal variation, PAT 2009
6. % of working age population (16-59 for females and 16-64 for males) on out of work benefits (see definition above) in worst performing neighbourhoods (Lower Super Output Areas (LSOAs) with an out of work claim rate of 25% or more based on a 4 quarter average between May 2006 and February 2007), PAT 2009
7. % of all council housing stock non-decent, PAT 2008-09
8. % of working age population (16-59 for females and 16-64 for males) qualified to level 2 or higher (achieved at least either 5 GCSEs grades A*-C (or equivalent, i.e., O levels, CSE Grade 1s), two A/S levels, or any equivalent or higher qualification in the Qualifications and Credit Framework.), PAT 2008
9. proportion of the working population living in a local authority who move directly from employment to incapacity benefits (IB) each year, PAT Q3 07-08
10. % adults, modelled estimate using Health Survey for England, APHO 2006-2008
11. % adults, modelled estimate using Health Survey for England, APHO 2007-2008
12. % adults, modelled estimate using Health Survey for England, APHO 2006-2008
13. % aged 16+, APHO 2008/09
14. % adults, modelled estimate using Health Survey for England, APHO 2006-2008
15. % of respondents who perceived drunk or rowdy behaviour as a problem in their area (Place Survey), PAT 2008
16. % of respondents who perceived drug use or drug dealing as a problem in their area (Place Survey), PAT 2008
17. % of people aged 35-64 reporting that they were in 'not good' health, 2001 Census
18. % of people aged 35-64 reporting that they have a limiting long-term illness, 2001 Census
19. Directly age and sex standardised rate of hospital stays for alcohol-related harm per 100,000 population, APHO 2008/09 (rounded)
20. % of adults (18-69) with learning disabilities known to Councils with Adult Social Services Responsibilities (CASSRs) in settled accommodation at the time of their assessment or latest review, PAT 2009-10
21. % of adults (18-64) receiving secondary mental health services in settled accommodation at the time of their most recent assessment, formal review or other multi-disciplinary care planning meeting, PAT 2009-10
22. All emergency hospital admissions, indirectly age and sex standardised rate per 100,000 population (all ages), National Centre for Health Outcomes Development (NCHOD) 2007-08
23. Mortality from suicide and injury undetermined (original underlying cause of death) directly age-standardised rate (aged 15-44) per 100,000 population, NCHOD 2006-08

- 24.** Total period fertility rate, maternal age 11-49, NCHOD, 2008
- 25.** % of people on GP registers with a recorded diagnosis of diabetes (aged 17+), APHO 2008/09
- 26.** % of people on GP registers with a recorded diagnosis of hypertension (all ages), QOF 2008-09
- 27.** % of people on GP registers with a recorded diagnosis of Stroke / Transient Ischaemic Attack (all ages), QOF 2008-09
- 28.** % of respondents who reported their general health was 'good' or 'very good' (Place Survey), PAT 2008
- 29.** Directly age standardised mortality rate per 100,000 population, from all causes at all ages (directly standardised to the European Standard Population), PAT 2008
- 30.** Directly standardised mortality rate per 100,000 population aged under 75, deaths from all circulatory diseases, PAT 2008
- 31.** Directly standardised mortality rate per 100,000 population aged under 75, deaths from all cancers, PAT 2008
- 32.** To obtain healthy life expectancy, a standard survey question on self-reported health is asked of those over 65 (2001 Census). Results from this are then applied to life expectancy projections at 65 to show how many of the years to be expected will be spent in good health, PAT 2001

Health Profile – Older People

	Indicator	Local Value	Eng Avg	Eng Worst / Lowest	England Range	Eng Best / Highest
1	Pop Population size	16.5	15.9	8.9		29.6
2	Black & Minority Ethnic population	4.8	6.6	1.0		52.2
3	Deprivation	0.2	0.2	1.0		0.0
4	Social Older people supported to live independently at home	33.6	30.0	15.9		39.3
5	Independence for older people through rehabilitation / intermediate care	80.2	81.2	50.3		100.0
6	Social Services supporting people to live independently	4204.6	3118.5	1565.2		5462.8
7	Low income homes with a low energy efficiency rating	2.0	10.0	29.0		0.0
8	Enabling people to choose to die at home through appropriate care	17.1	19.9	15.0		25.2
9	Satisfaction with both home and neighbourhood	84.1	83.9	54.7		92.5
10	Health General Health	48.5	49.1	68.7		34.9
11	Limiting long-term illness	22.4	22.5	40.0		10.4
12	Life expectancy - males	77.9	77.9	76.3		84.3
13	Life expectancy - females	82.5	82.0	78.8		88.9
14	Dementia prevalence	0.5	0.4	0.7		0.2
15	Hospital admissions for serious accidents	1703.3	1487.0	2287.8		768.1
16	Coronary Heart Disease prevalence	4.2	3.5	5.2		1.4
17	Hip Fracture	489.9	479.2	643.5		273.6



Key to Health Profile – Older People

1. % of total population aged 65+, 2001 Census
2. % of population aged 65+ who are black or minority ethnic (all categories except White British), 2001 Census
3. Income Deprivation Affecting Older People (IDIOP) average score, a supplementary index to the Index of Multiple Deprivation 2007
4. % of respondents who agree older people are given the support they need to live independently at home in their area (Place Survey), PAT 2008
5. Proportion of older people (aged 65+) discharged from hospital to their own home or to a residential or nursing care home or extra care housing bed for rehabilitation, with a clear intention that they will move on/back to their own home (including a place in extra care housing or an adult placement scheme setting) who are at home or in extra care housing or an adult placement scheme setting three months after the date of their discharge from hospital, Pat 2009-10
6. Proportion of adults (aged 18+) per 100,000 population that are assisted directly through social services assessed/care planned, funded support to live independently, plus those supported through organisations that receive social services grant funded services, PAT 2009-10
7. Proportion of households on income related benefits (all people claiming at least one of the following; Income Support, Council Tax Benefit, Housing Benefit, income based Job Seekers Allowance, Pension Credit or tax credits). for whom an energy assessment of their housing has been carried out (measured using the Standard Assessment Procedure) living in homes with low energy efficiency, PAT 2008-09
8. % of all registered deaths that occur at home (all ages), PAT 2008
9. % of respondents aged 65 or over who responded that they were 'fairly satisfied' or 'very satisfied' with both their home and their area as a place to live (Place Survey), PAT 2008
10. % of people aged 65+ reporting that they were in 'not good' health, 2001 Census
11. % of people aged 65+ reporting that they have a limiting long-term illness, 2001 Census
12. At birth, APHO 2006-2008
13. At birth, APHO 2006-2008
14. % of population registered with GP on dementia clinical register (all ages), Quality and Outcomes Framework (QOF) 2008-09
15. Directly age-standardised rate of hospital admissions for serious accidental injury (aged 65+), with a length of stay exceeding 3 days, NCHOD 2007-08
16. % of population registered with GP on coronary heart disease clinical register (all ages), Quality and Outcomes Framework (QOF) 2008-09
17. Directly age-standardised rate per 100,000 population for emergency admission, APHO 2008/09

Notes

Data for the spine charts was sourced as described above. The statistical nearest neighbours used were Stockport's Chartered Institute of Public Finance and Accountancy (CIPFA) nearest neighbours, the figure given is a mean of the values for all neighbours for which data was available. Where data was only available for Primary Care Trusts (PCTs) the Office for National Statistics PCT cluster sub-group areas were used, the figure given is a mean of the values for all neighbours for which data was available. The England best and worst figures are the best and worst local authority or PCT for which data was available. The regional average and England average were given directly by the above sources. These spine charts were created using a tool created by the West Midlands Public Health Observatory.